

Public Hearing: October 8, 2007

F A C T S H E E T

TITLE: Multi year funding resolution for Cellular Data/EVDO service for the StarTran Automated Vehicle Location (AVL) Project.

SPONSOR: Public Works & Utilities

OPPONENTS: None Known

OTHER DEPARTMENTS AFFECTED: N/A

STAFF RECOMMENDATION:
Recommend Approval

APPLICANT: Public Works & Utilities

REASON FOR LEGISLATION: City ordinance requires that should a contract require funding from future budget years, the Council must, by Resolution, give authorization to the Mayor to execute contracts of this nature.

D I S C U S S I O N

On August 15th, 2007 bids were received for the attached Cellular Data/EVDO service contract. Three vendors responded to the bidding opportunity. Sprint Solutions Inc. was selected as the lowest cost vendor meeting the specifications. This agreement is for a period of five years with an option to renew on a yearly basis for five additional years.

Mixon/Hill Inc. of Overland Park, Kansas was selected to design and prepare specifications for the StarTran AVL project. Their design featured an open standards approach and complied with the standards set forth in the Southeast Nebraska Regional Intelligent Transportation System (ITS) Architecture. Digital Recorders, Inc. from Research Triangle Park, North Carolina was selected as the most responsive system provider for the AVL system.

The design phase of the AVL project researched many possible mobile communication solutions. Use of the City/County 800 MHz trunked radio system was investigated and eliminated as a possibility. In the absence of a citywide municipal wireless communication system, the attached Cellular Data/EVDO service agreement was developed working with both Mixon/Hill and Digital Recorders to provide a method for the vehicle location and passenger information to be transmitted to and from each vehicle.

Final appropriation of funds to implement an AVL System for the StarTran fleet were included in FY 2005-06 CIP. The AVL system will allow StarTran to comply with federal standards and effectively monitor and manage their fleet resulting in increased schedule adherence and improved service to patrons.

The AVL project is to begin the testing phase in October of 2007 with completion scheduled for the spring of 2008.

POLICY OR PROGRAM CHANGE: No

COST: \$31,500 dollars for the first 5-year period, with an annual cost of \$6,300 for years 6 – 10 if desired.

SOURCE OF FUNDS: 407818/6076 (50% local funds and 50% Federal Transportation Administration match)

FACT SHEET PREPARED BY:

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REVIEWED BY:

Director of Public Works & Utilities